

U.S. Department Of Agriculture
Natural Resources Conservation Service
Nevada

**Operation and Maintenance Plan
Irrigation Ditch or Canal Lining (428)**

Landowner/Operator: _____
Project: _____
Location: _____ Sec. _____ T. _____ R. _____
NRCS Office: _____ Phone: _____

A properly operated and maintained lined irrigation ditch is an asset to your operation. This lining was designed and installed to reduce water loss in your irrigation delivery and/or head ditches. The estimated life span of the installation is at least 20 years and can be assured and usually increased by carrying out the following recommendations.

OPERATION AND MAINTENANCE CHECKLIST



- ☐ Avoid the use of tillage equipment adjacent to the lining that accelerates soil removal.
- ☐ Maintain adequate drainage of the foundation.
- ☐ Drain all lined ditches when not being used,
- ☐ Maintain the widths and heights of soil berms adjacent to the lining.
- ☐ Immediately repair any cracks or breaks in the lining. Investigate cause before repair and take measures to prevent re-occurrence.
- ☐ Remove sediment, debris or any blockage that restricts flow capacity.
- ☐ Remove woody vegetation and perennials from areas adjacent to the lining.
- ☐ Repair spalls, cracks and weathered areas in concrete surfaces.
- ☐ Immediately repair any vandalism, vehicular or livestock damage.
- ☐ Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- ☐ Repair any vandalism, vehicular or livestock damage to the earthen areas surrounding the structure or appurtenances.
- ☐ Avoid crossing with equipment of vehicles except at designated locations.

Other _____

